



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID : CP-RW-2017-09-01-01 Date: 02-09-17
Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address : T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to roads and drains 11th B and 12th Cross roads at Vishweshwaraiah layout in Ward no.14
Agency : Technical Manager(West), KRIDL, Project Implementation Unit, No.280, 59th Cross 17th C main road 3rd Y Block, Rajajinagar.
Customer Reference : BBMP/EE/DD/WO/36/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 01-09-17
Sample ID No : 2017-09-01-01/01
Type of Mix : WMM (Wet Mix Macadam)
Date of test : 01-09-17
Oven Dry Weight : 11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	328	328	3.0	97.0	95-100
22.4	2177	2505	22.8	77.2	60-80
11.2	2065	4570	41.5	58.5	40-60
4.75	2432	7002	63.7	36.3	25-40
2.36	1765	8767	79.7	20.3	15-30
0.6	543	9310	84.6	15.4	8-22
0.075	1258	10568	96.1	3.9	0-5

Note:-

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

Signature
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FOR CIVIL Pro.
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 4358

TEST REPORT OF AGGREGATE IMPACT VALUE

IS: 2386 Part IV

Lab ID : CP-RW-2017-09-01-01 Date: 02-09-17
 Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
 Address : T. Dasarahalli Sub Division, BBMP, Bangalore.
 Project Name : Improvements to roads and drains 11th B and 12th Cross roads at Vishweshwaraiah layout in Ward no.14
 Agency : Technical Manager(West), KRIDL, Project Implementation Unit, No.280, 59th Cross 17th C main road 3rd Y Block, Rajajinagar.
 Customer Reference : BBMP/EE/DD/WO/36/2017-18
 Source of Sample : Sample supplied by Agency
 Sample Condition : Satisfactory
 Date of Receipt : 01-09-17
 Sample ID No : 2017-09-01-01/01
 Type of Mix : Coarse Aggregate for WMM (Wet Mix Macadam)
 Date of test : 01-09-17

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	315.0	315.0
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	72.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	241.7	240.4
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.6
5	Aggregate impact value	(B/A)*100	23.1	23.5
6	Aggregate impact value (Mean of two tests)	Percentage	23.3	

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Prepared By:
Harshitha

Signature of Harshitha

ಕಾರ್ಯದ ಮುಕ್ತಾಯದ ಅನಂತರ
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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 4358

DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE (IS 2386 (Part 1) 1963 (RA 2007))

Lab ID : CP-RW-2017-09-01-01 Date: 02-09-17
Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address : T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to roads and drains 11th B and 12th Cross roads at Vishweshwaraiah layout in Ward no.14
Agency : Technical Manager(West), KRIDL, Project Implementation Unit, No.280, 59th Cross 17th C main road 3rd Y Block, Rajajinagar.
Customer Reference : BBMP/EE/DD/WO/36/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 01-09-17
Sample ID No : 2017-09-01-01/01
Type of Mix : Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test : 01-09-17

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	14.7%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	12.5%	
Combined Flakiness and Elongation Index for WMM	27.2%	

Note:-

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

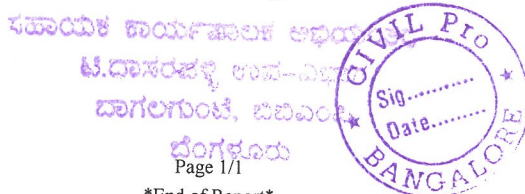
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End of Report

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